

The Search for New Sympatholytic Compounds Among
Derivatives of Xylocholins, Bretylium and Guane-
thidine, by V. M. Avakyan.
RUSSIAN, per. Izvestiya Akademii Nauk Armyanskoi
SSR, Seriya Fiziko-Matematicheskikh Nauk, Vol 16,
No 6, 1963, pp 11-25.
NLL RTS 3110

Sci-Chem
Nov 67

345,281

Distribution of the Partial Pressures
of Negative Ions in the Positive
Column of a Low-Pressure Discharge,
by A. M. Rezikyan, G. A. Galechyan,
9 pp.

RUSSIAN, per, Iz Ak Nauk ArmSSR, Ser
Fiz-Matemat Nauk, Vol XVI, No 6, 1963,
pp 117-128. 9697762
FTD-TT-65-12

Sci - Elec
Aug 65

287,542

Studying a Charged Particle, Inter-
secting a Metal Screen, by
B. N. Sedrukyan, 10 pp.
RUSSIAN, per, Iz Ak Nauk ArmSSR,
Ser Fiz-Mate Nauk, Vol XVII, No 1,
1964, pp 115-121. 9698346
FTL-TT-65-117

Sci - Phys
Nov 65

291,853

Nonlinear Acoustic Oscillations of a
Cylindrical Shell, by A. S. Vol'mir,
I. G. Kil'dibekov, 8 pp.
RUSSIAN, per, Iz Ak Nauk ARSSR, Ser Fiz-
Matemat Nauk, Vol XVII, No 3, 1964, pp 65-70.
TP6000163
FTD-TT-65-1948

Sci - Phys
Dec 66

314,208

Solution of the Problems of Free Fluctuations
of Anisotropic Discs, by L. A. Movsisyan,
V. S. Sarkisyan. p pp.

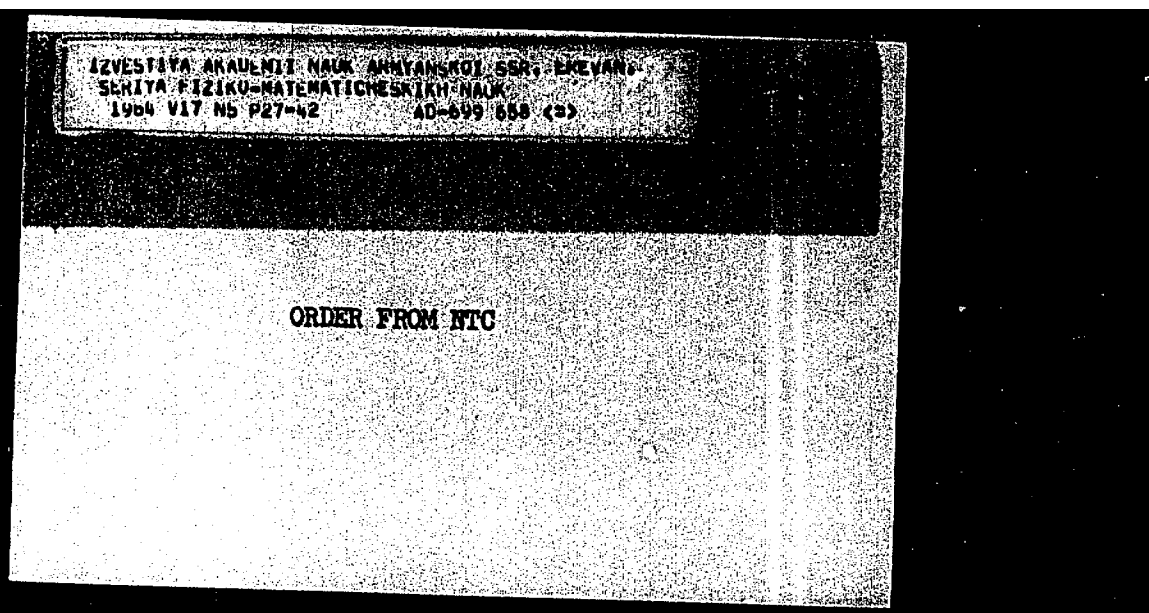
RUSSIAN, per, Izvestiya AK Nauk ARMSSR Ser
Fiziko-Matematicheskikh NVol 17, No 4, 1964,
pp 48-50. 9700346

FTD-TT-65-890

Sci/Physics

May 66

301,092



Plane Problem for an Orthotropic Plate in the
Form of an Annular Sector, by A. A. Babloyan,
V. S. Tonoyan, 19 pp.

RUSSIAN, per, Izvestiya AN ARMSSR. Seriya
Fiziko-Matematicheskikh Nauk, Vol 17, No 5,
1964, pp 27-42.

AIR/FTD/MT-23-398-69

sci/physics

Longitudinal Shock Along a Cylindrical
Shell, by L. A. Movsisyan, 5 pp.
RUSSIAN, per, Iz Ak Nauk ArmSSR, Ser Fiz-
Matemat, Vol XVII, No 5, 1964, pp 43-46.

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FTD-TT-65-362

Sci - Phys
Aug 65

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On the Buckling of Cylindrical Shells Under
Longitudinal Impact, by L. A. Movsisyan, 7 pp.
RUSSIAN, per, Iz Ak Nauk ArmSSR, Fiz-Mate
Nauk, Vol XVII, No 6, 1964, pp 57-64.
CIA/FDD X-5600

Sci - Phys
May 65
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Dirac Electron in the Field of a Plane
Electromagnetic Wave, by I. I. Gol'dman,
8 pp.

RUSSIAN, per, Iz AN ARMSSR Seriya
Fiziko-Matematicheskikh Nauk, Vol XVII,
No 6, 1964, pp 129-135. P100061267
FTD HT 66-286

Elect and Electrical Engin
Mar 67

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Analyzing Trends of Germanium in Ores and Minerals,
by S. A. Dekhterikyan. USSR

RUSSIAN, par, Is Ak Nauk Armyanskoy SSR, Ser Geol
i Geograf Nauk, Vol 2, No 4, 1957, pp 121-126.

DSIR LLU RTS 1419

(pp 15s.01.)

Sci - Geophys
May 60

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JET STREAMS OVER THE REGION OF THE ARMENIAN
UPLANDS CLIMATOLOGY, BY H. P. POGOSYAN.

RUSSIAN, PER, IZ AK NAUK ARMYANSKOY SSR, SER GEOL
I GEOGRAF, VOL XXI, NO 2, 1958.

NLL M. 3879

SCI - GEOPHYS

OCT 62

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Special type B - 22 not published - transmission error
plus one copy.
Please include footnote in the next translation.

The Gabbro-Pegmatite Ophiolite Complex of the
Armenian Soviet Socialist Republic, by
S. V. Avozyan, 15 pp.

RUSSIAN, per, Iz Ak Nauk Arm SSR: ^{ju}Geolog
i Geogra Nauki, Vol XV, No 5, 1962.

CIA/FDD X-5168

Sci - Earth Sci & Astron
Jul 63

Oganezov, G. G.
ON THE NEW THEORY OF GLACIATION (O Novoi
Teorii Oledeniya).
V. P. Sokoloff, tr. Nov 63, 8p 9refs
Order from ACI \$5.00 in International Geology Review,
v. 5, no. 11, p. 1432-1439

Trans. of Akademiya Nauk Armyanskoi SSR [Erevan].
Izvestiya. [Geologicheskie i Geograficheskie Nauki]
1962 [v. 15] no. 1, p. 3-15. (Abstract available)

DESCRIPTORS: *Glaciers, Geophysics, Theory.

Periodic glaciations of the Earth, in the ultimate
analysis, are produced by tectonic and not by climatic
factors, specifically by deep-seated ruptures, defor-
mations, imbalances resulting from abyssal volcanism
with their surficial expressions, the consequent
(Earth Sciences--Geology, TT, v. 11, no. 11) (over)

TT-63-17713-11 (p. 1432-1439)

I. Oganezov, G. G.
II. American Geological Inst.,
Washington, D. C.

Office of Technical Services

Principal Structural Elements of the Moon
and the Value of the Geographical and
Geological Methods of Its Study, by Yu. A.
Khodak.

RUSSIAN, per, Iz Akad Nauk Arm SSR, Seriya
Geolog i Geogra, 1968, No 8, pp 11-22.
NLL RTS 2637 (On Loan or Purchase)

Aug 65

288,825

Demethylation of Alkoxybenzenes and the
Application of the Resulting Products to
Certain Syntheses, by A. L. Madzhoyan, Z. A.
Amoyan,

KHOSROV, per, Izvestiya Akad. Nauk Arm. SSR, Ser. Khim.
Nauk, Vol. 4, No. 3, 1957, pp 203-212.

ATS RJ-2087

Sel - Chen

May 60

115,385

Kostanyan, K. A. and Nalchadzhyan, S. O.
METHODS OF MEASURING THE SPECIFIC ELECTRIC CONDUCTIVITY OF MELTED GLASSES (O Metodike Izmereniya Udel'noi Elektroprovodnosti Rasplavlennykh Stekol). [1962] (20)p. (foreign text included) 17 refs.
Order from OTS or SLA \$1.60 62-18006

Trans. of Akademiya Nauk Armyanskoi SSR [Erevan]. Izvestiya. Seriya Khimicheskikh Nauk, 1958, v. 11, no. 1, p. 3-11.

DESCRIPTORS: *Glass, Melting, Electrical conductance, Measurement.

Suggested methods for measuring the specific electric conductivity of melted glasses include (a) sounding methods, which practically eliminate the influence of the electrode voltage decline and which permit the (Materials--Ceramics, TT, v. 9, no. 2) (over)

62-18006

I. Kostanyan, K. A.
II. Nalchadzhyan, S. O.

Office of Technical Services

Investigations in the Field of Benzofuran
Derivatives, by A. L. Mndzhoyan,
RUSSIAN, per, Izv. Ak Nauk ArmySSR, Seriya
Khim. Nauk, No 1, 1958, pp 45-56.
NLL RTS 3577
(On Loan or Purchase)

Sci-Chem.

Apr 67

324,067

Colorimetric Determination of Rhenium in the
Presence of Molybdenum, by V. M. Tarayan,
L. G. Mushegyan.
RUSSIAN, per, Iz Ak Nauk Armyanskoy SSR,
Khim, Nauk, No 6, 1958, pp 397-408.
GB/4/T/1570

Sci - Mat/Met
Jul 64

262,592

Dangyan, M. T. and Mesropyan, E. G.
OXIDATION OF ALKYL- β -CHLORALLYLACETIC
ACID WITH HYDROGEN PEROXIDE IN AN ACETIC
ACID MEDIUM, COMMUNICATION I (Okislenie
Alkil- β -KhloralilHeksusnykh Kislot Perekis'yu Vodoroda
v Srede Uksusnoi Kislot). [1962] 6p. (foreign text
included) 5 refs.

Order from OTS or SLA \$1.10

63-10750

Trans. of Akad[emiya] Nauk Armyan[skoi] SSR [Erevan].
Izvestiya. Seriya Khim[icheskikh] Nauk, 1961,
v. 14 [no. 2] p. 147-149.

DESCRIPTORS: *Alkyl radicals, Chlorine compounds,
*Allyl radicals, *Acetic acids, Oxidation, *Hydrogen
peroxide.

By oxidizing alkyl- β -chlorallylacetic acid with hydrogen
peroxide in acetic acid medium, the corresponding
(Chemistry--Organic, TT, v. 10, no. 1) (over)

63-10750

I. Dangyan, M. T.
II. Mesropyan, E. G.

Office of Technical Services

Behavior of the Methyl Peroxide Radical in the
Low-Temperature Oxidation of Methane, by A. A.
Mantochyan, R. I. Moshkina, et al, 13 pp.

RUSSIAN, per, Izvest Akad Nauk Armyan SSR, Khim
Nauk, Vol XIV, No 3, 1961, pp 185-195. 920/224

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ASRE, Harwell/
NP Tr-972

Sci - Mat & Mat

232,229

May 63

Investigations of the Mechanism of Retarding
the Evaporation of Water Through a 1-hexa-
decanol Monolayer, by T. V. Krmoyan,
R. K. Pogosyan.

RUSSIAN, per, Izv Ak Nauk ArmSSR, Khim Nauk,
Vol 16, No 2, 1963, pp 97-116.

NTC-69-13193-07D

Sci-Chem
Sept 69

391,687

Experiment in the Application of Surface-Active
Substances of Domestic Production to Decrease
Evaporation from the Water Surface in Reservoirs,
by A. K. Ananyan.

RUSSIAN, per, Akademiya Nauk Armyanskoi SSSR,
Izvestiya, Seriya Tekhnicheskikh Nauk, Vol 16,
No 2/3, 1963, pp 117-128.
NTC 71-16615-13B

Mar 72

Complex Treatment of Sodium Chloride,
by M. G. Manvelyan. 5p.

RUSSIAN, per, Izvestiya Akademiya Nauk
Armenianskoi SSR, Erevan Seriya Khimicheskikh
Nauk, Vol 17, No 5, 1964, pp 573-576.
TC-1399

chem
Sci-~~Ent~~
Jul 66

307,612

Effect of Polar and Nonpolar Liquid
Additions on Lowering Evaporation of
Water Through a Monolayer of 1-Hexadecanol,
by T. V. Krmoyan
RUSSIAN, per, Akademiya Nauk Armyanskoi SSR,
Izvestiya. Khimicheskie Nauki, Vol 17, 1964,
pp 587-590
NTC 71-15339-07D

mar 72

Karapetyan, B. K.
RESULTS OF SEISMOMETRIC OBSERVATIONS
DURING MASS EXPLOSIONS (Rezultaty Seismo-
metricheskikh pri Massovykh Vzryvakh) tr. by Ivan
Mittin 1960 [14]p. 2 refs.
Order from LC or SLA mi\$2.40, ph\$3.30 61-19237

Trans. of Akademiya Nauk Armyanskoy SSR
[Yerevan] Izvestiya. Seriya Tekhnicheskikh Nauk,
1957, v. 10, no. 3, p. 21-34.

Results are discussed of the observations of mass
explosions in 1955-56 in various areas (Maralik,
Dtmashen, Dvin, Talish, and the Tokhmakhangelak
pit) of the ASSR. As a recording device, the portable
pendulum seismometer AIS-2 with free oscillations
was used; periods of horizontal oscillations were
0.05; 0.1, 0.2, 0.4 sec, and vertical -- 0.05, 0.1,
0.2 sec with the logarithmic damping decrement
of 0.2-0.4 which is an approximate model-scale for
buildings and structures of the same characteristics.
(Earth Sciences--Seismology, TT, v. 5, no. 12) (over)

61-19237

1. Seismic waves--Analysis
2. Explosions--Physical effects
1. Karapetyan, B. K.
- II. Geological Survey,
Denver, Colo.

160931

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(1962-N)

On the Development of Solar Engineering in
the Armenian SSR, by K. Kh. Vernishev, 6 pp.
UNCL

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RUSSIAN, per, Investiya Akademi Nauk Armyanskoy
SSR, Seriya Tekhnicheskikh Nauk, Vol XI, No 4,
Yerevan, 1958, pp 69-74.

US JPRS 1110-N

~~UNCL~~

Sci - Engineering
Feb 59

80,593

Elements of Automatic Tracking Equipment of the
Solar Thermopower Station (STS) by Ya. T. Shermazanyan
R.R. Aparisi.

RUSSIAN, per, Iz Akad. Nauk Arm SSR, Ser Tekh
Nauk, Vol XIII, No 1, 1960, pp 57-70. 9661843.

ATIC MCL 780/1-2

Sci - Space Res
Jun 61

155,544

First Investigations in the USSR on the Control
of Evaporation, by I. V. Egyazarov, 4 pp.

RUSSIAN, per, Iz Ak Nauk Armyanskoi SSR, Ser Tekh
Nauk, No 6, 1960, pp 11-13.

NIL Tr Bul
Vol 3, No 7, 1961

Sci - Geophys

180.026

Jan 62

POSSIBILITY OF SIGNIFICANT ECONOMY OF WATER
RESOURCES FOR NATIONAL ECONOMY AND A MONOMOLECULAR
FILM FOR COMBATING EVAPORATION FROM THE SURFACES
OF RESERVOIRS AND LAKES (REPORT 3), BY I. V.
EGIAZAROV.

RUSSIAN, PER, IZ AK NAUK ARM SSR, SER TEKH NAUK,
VOL XIV, NO 2, PP 7-11, 1961.

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TC823 A358 NO 394

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SEPT 62

209,582

Experiments on the Use of Nonomolecular
Films for the Purpose of Reducing Evapora-
tion Conducted on the Shore of Lake Sevan,
by V. S. Makarova, A. M. Mkhitarian, 39 pp.
RUSSIAN, per, Iz Ak Nauk Armyans SSR,
Ser Tekh Nauk, Vol XIV, No 3, 1961, pp 43-57.
CFSTI TT-64-19351

Sci - Agri
Jul 66

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Effect of Large Range Sediment Mixtures and Self-Pavement of Beds on the Movement and Discharge of Sediments, by I. V. Yegiyazarov, 20 pp.
RUSSIAN, per, Izvestiya AN Armyanskoy SSR, Seriya Tekhnicheskikh Nauk, Vol 17, No 2, 1964, pp 29-44.
NTIS TT 70-57226

May 71

63-23114

Zulkov, V. N.
SPECTROPHOTOMETRY OF SOLAR PROMINENCES
(Spektrofotometriya Solnechnykh Protuberantsev) tr. by
John Miller. Apr 57 [40]p. 47 refs. AmMetSoc-T-R-100.
Order from OTS or SLA \$3.60 63-23114

Rough draft trans. of Astronomicheskaya Observa-
toriya [Pulkovo] [Izvestiya (USSR) 1956 [v. 20, no. 2]
(155) p. 22-45.

DESCRIPTORS: *Solar flares, Hydrogen, Helium,
Calcium, Electron density, Atoms, Excitation, Tem-
perature, Astronomical data, Measurement, Proc-
essing, Spectrophotometers, *Spectrographic data,
Astrophysics.

The results are examined of measuring the equivalent
width of seven lines of the Balmer series, H and
KCa⁺, and the series He 5876, 4472 and 4026 lines of
the spectra of 30 prominences obtained during the three
(Astronomy--Astrophysics, TT, v. 10, no. 5) (over)

- I. Zulkov, V. N.
- II. AmMetSoc-T-R-100
- III. American Meteorological
Society, Boston, Mass.
- IV. Contract AF 19(604)1936

Office of Technical Services

The Determination of the Relative g.f. ~~XXXX~~ Values
for Nickel by the Emission Method, by L. A.
Mitrofanova.

RUSSIAN, per, Iz Astronomicheskaya Observatoriya ~~XXXX~~
Pulkovo, Vol XXI, 1960, pp 185-189.

*PL-480
OTS 63-11135

PST-897
Sci
Jan 63

Experimental Determination of Oscillator Strengths of
the Lines of Lead by the Absorption Method, by
M. Z. Khokhlov.

RUSSIAN, per, Iz Krymskaya Astrofizicheskaya
Observatoriya, Vol XXII, 1960, pp 118-127.

*PL-480
OTS 63-11135

PST-899
Sci

Jan 63

63-15081

Khalkin, S. E., Kaidanovskii, N. L. and others.
THE LARGE RADIO TELESCOPE AT PULKOVO, tr.
by J. L. Zygielbaum. 30 Jan 62 [60]p. 22 refs. JPL
Trans. 25; NASA N62-10819.
Order from OTS or SLA \$5.60 63-15081

Trans. from Astronomicheskaya Observatoriya,
Pulkovo, Izvestiya (USSR) 1960 [v. 21, no. 5(164)].
Another trans. is available from OTS or SLA \$3.60 as
61-16113 [1961] [34]p.

DESCRIPTORS: *Telescopes, Radio equipment, Radio
astronomy, Design, Construction, Tests, Resolution,
Reflectors, Antennas, Microwave equipment.

The telescope consists of a range of flat reflecting
elements which form a polyhedral surface tangential to
an elliptic cone surface. The reflector transforms the
plane wave into a cylindrical wave with a vertical axis,
(Astronomy, TT, v. 9, no. 5) (over)

- I. Khaikin, S. E.
- II. Kaidanovskii, N. L.
- III. JPL Trans-25
- IV. NASA N62-10819
- V. Jet Propulsion Lab.,
Calif. Inst. of Tech.,
Pasadena

Office of Technical Services

Increase in the Sensitivity of Photographic
Materials with the Aid of Supplementary
Light Intensification in the Photographing
of Artificial Labelings of the Earth, by
I. I. Breydo and A. A. Markelova, 17 pp.
Izvestiya, par. Izvestiya Akademiya Nauk
Sovetskogo Soyuza, Vol. XXIII, No. 11, 1963,
pp 167-174. 907088
FTB-77-64-1136

I. I. Breydo

A. A. Markelova

Sci-Phys
Jan 64

262,489

The Investigation of the Pulkovo
Polarimeter and ASI-4 Chamber, by
Ye. K. Kokhan, 17 pp.
RUSSIAN, per, Iz Ak Nauk SSR, Astron
Observatoriya, Vol XXIII, No 5, 1964,
pp 86-92. PI00060966
FTD-TT-65-1095

Sci - Elec & Elec Engr
Oct 66

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Effects of Chromatic Astronomical Refraction
on the Guiding of a Long Focus Telescope,
by O. A. Mel'nikov, G. G. Lengauer, et al, 48 pp.
RUSSIAN, per, Izvestiya Astronomicheskaya
Observatoriya, Vol XXIII, No 5, 1964,
pp 121-143. P100064467-V
FTD HT 66-184

Sci-Navigation
Mar 67

320,767

Certain Possibilities of Utilizing
Photoelectric and Television Methods for
Combating Noise From Atmospheric Turbulence
During Astronomical Observations, by
N. F. Kuprevich. 30, pp.
RUSSIAN, per, Iz Astronomicheskaya
Observatoriya, Pulkovo, Vol XXIII, No 5,
1964, pp 144-154. P100064467-V
FTD HT 66-184

Sci-Navigation
Mar 67

320,768

Variability of the Astroclimate, by
G. I. Bol'shakova, Sh. P. Darchiya,
14 pp.
RUSSIAN, per, Iz Astronomicheskaya
Observatoriya Pulkovo, Vol XXIII,
No 5, 1964, pp 155-161. P100064467-V
FTD HT 66-184

Sci-NAvigation
Mar 67

320,769

Fast, Wide Angle Telescope of Large
Diameter, by T. S. Belorossova,
D. D. Maksutov, et al, 10 pp.
RUSSIAN, per, Iz Astronomicheskaya
Observatoriya Pulkovo, Vol XXIII,
No 5, 1964, pp 162-166. P100064467-V
FTD HT 66-184

Sci-Navigation
Mar 67

320,770

Belen'kii, M. S. and Kovaleva, L. I.
APPLICATION OF THE METHOD OF UNIMOLECULAR FILMS TO INVESTIGATION OF THE
CHEMICAL STRUCTURE OF POLYNAPHTHENIC
ACIDS. [1961] 7p. 13 refs.

Order from OTS or SLA \$1.10

61-18069

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR
[Baku]. Izvestiya, 1936, no. 28, p. 25-32.

DESCRIPTORS: Naphthenic acids, Acids, Molecular
structure, Monomolecular films, Films.

(Unannounced)

61-18069

I. Belen'kii, M. S.
II. Kovaleva, L. I.

Office of Technical Services

61-18233

Aliev, Sh. B.

DESULFURIZATION OF KALA OIL. [1961] 2p.

6 refs.

Order from OTS or SLA \$1.10

61-18233

Condensed trans. of Akademiya Nauk Azerbaidzhanskoi
SSR [Baku]. Izvestiya, 1938, no. (?) p. 75-79.DESCRIPTORS: Petroleum, Desulfurization, Sulfur,
Separation.

I. Aliev, Sh. B.

(Unannounced)

Office of Technical Services

Belen'kii, M. S. and Kovaleva, L. I.
PHYSICO-CHEMICAL CHARACTERISTICS OF
LUBRICATING OILS. [1961] 10p. 32 refs.
Order from OTS or SLA \$1.10 61-18098

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR
[Baku]. Izvestiya, 1938, no. (?) p. 133-150 (some
sections summarized).

DESCRIPTORS: *Lubrication, *Oils,

(Unannounced)

61-18098

I. Belen'kii, M. S.
II. Kovaleva, L. I.

Office of Technical Services

Kovaleva, L. I. and Tevosov, S. P.
CHEMICAL STRUCTURE OF NAPHTHENIC ACIDS.
[1961] 5p. 1 refs.
Order from OTS or SLA \$1.10 61-18070

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR
[Baku]. Izvestiya, 1938, no. 55, p. 167-174.

DESCRIPTORS: Naphthenic acids, Acids, Molecular
structure.

(Unannounced)

61-18070

I. Kovaleva, L. I.
II. Tevosov, S. P.

Office of Technical Services

The Causes of Differences in Radial and Tangential
Shrinkage of Wood, by K. M. Khanmamedov.

RUSSIAN, per, Iz Ak Nauk Azerbaidzhan SSR,
No 8, 1954, pp 89-94.

CSIRO 3623

Sci - Biol

Feb 62

186,664

An Investigation of the Catalytic Activity and
Structural Characteristics of Silica-Magnesia-
Alumina Catalysts, by Z. G. Zul'fugarov, K. V.
Topchieva, 21 pp.

RUSSIAN, per, Iz Ak Nauk Azerbaydzhan SSSR,
No 7, 1955, pp 3- 25. (337742)

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54, 431

Sci - Chemistry
Oct 2 57

Bright Solar Flocculi in K (CA II) Lines, by
A. A. Ismaylov, 9 pp.

RUSSIAN, per, Iz Ak Nauk Azerbaydzhanskoy SSR,
No 8, 1955, pp 11-15.

ATIC MCL-230/III

Sci - Astron

Dec 60

134,596

Investigation of the kinetics of the homogeneous
decomposition of alkyl nitrites (Propyl and
Butyl nitrites), by M. P. Faglov, F. G. Beltram,
A. I. Siltakov, 35 pp. UNCLASSIFIED

RUSSIAN, per. In Az Bank Azerbaydshan SSR,
No 2, 1956, pp 12-27.

Sci Mag Lib 58/1529

SLA R-3061

Sci - Chemistry
Mar 59

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Organic Substance in the Cretaceous Beds of
North Kobystan, by I. K. A. Ismailov.

RUSSIAN, per, Iz Ak Nauk ~~SS~~ Azerbaydzhanskoy SSR,
No 3, 1957, pp 87-95.

541060 5342

Dept of Interior
US Geological Survey
Denver Branch Lib,
Denver, Col

Sci - Geophysics
Jan 61

136,059

Mirzoeva, L. M.
DETERMINATION OF SOLID PHASE CONCENTRATION IN A TWO-PHASE MEDIUM IN UPWARD MOTION IN A VERTICAL TUBE. Oct 61, 5p. 4 refs.
Order from ICE in v. 1, no. 1, \$15.00/year

Trans. of Akad[emiya] Nauk Azerbaidzhan[skoi] SSR [Baku]. Izvest[iya] 1957, no. 9, p. 11-19.
Another trans. is available from ATS \$11.00 as
ATS-38N50R [1962] 8p.

DESCRIPTORS: *Phase studies, Solids, Equations of state, Heat transfer.

(Physics--Thermodynamics, TT, v. 8, no. 8)

62-22205

I. Mirzoeva, L. M.
II. International Chemical
Engineering, New York

ATS-38N50R

Office of Technical Services

(DC-3104).

Output Device of a General Purpose Digital Computer
Using Magnetic (Ferrite) Elements, by Yu. A.
Makhsudov, 23 pp.

RUSSIAN, par, Iz Ak Nauk Azerbaidzhanzskoy SSR, No 6,
1958, pp 23-34.

JPRS-1047-D

Sci - Engr
Dec 59

102,261

The Conductivity of the p-n Junction of
Selenium Rectifiers for Strong Fields
and Various Temperatures, by M. Aliyev,
G. Abdullayev, B. Mirzoyev, 14 pp.

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RUSSIAN, per, Iz Ak Nauk Azerbaydzhan SSR,
Vol XV, No 1, 1958, pp 37-45.

ELA 60-23622

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Mar 62

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Investigation of Luminescence Spectra of
Oil Fractions of Petroleum, by Kh. I.
Mamedov, 12 pp.

RUSSIAN, per, Is Ak Baul Azerbaydzhan SSR,
Vol IV, No 1, 1958, pp 49-63.

ATB-33439R

Sci
Vol IV, No 11
Jun 62

199, 234

Effect and Results of Ionizing Radiations of
Cobalt-60 on the Growth, Development, and Yielding
Capacity of Cotton, by R. E. Yeyubov.

RUSSIAN, per, 12 Ak Nauk Azerbaydzhan SSR, No 5,
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Sci-Biol & Med Sci
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1961, no. 1, p. 15-23.

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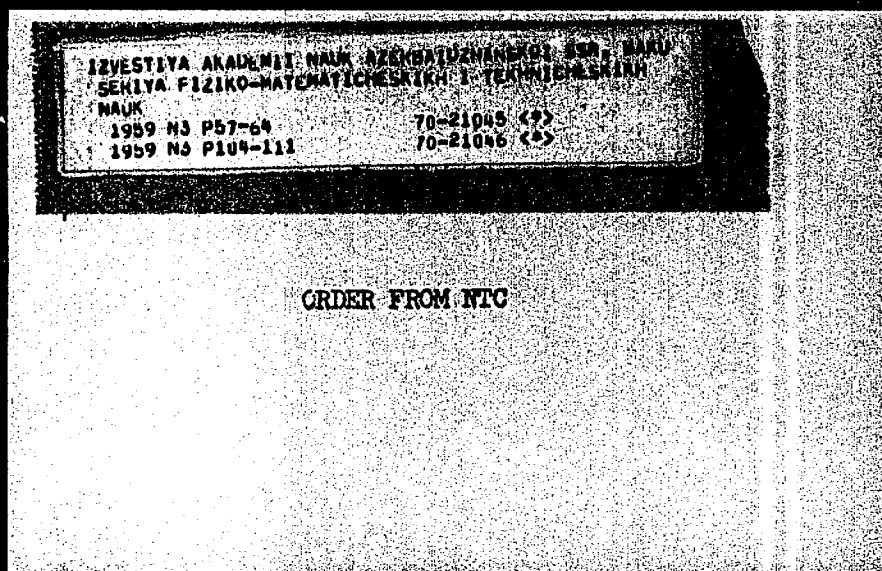
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10 refs.

Order from OTS or SLA \$2.60

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RESC-HP/UTS: *Semiconductors, *Photoelectric ef-
fect, *Gamma rays, Crystals, *Cadmium compounds,
Sulfides, selenides, Selenium.

examines the properties for the effect and for the ef-
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conclusions are applied to the experimental results for
these systems as affected by gamma rays. (Author)

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DESCRIPTORS: *Liquids, *Viscosity, *Molecular
structure, Theory, *Fluid flow.

A theory of viscosity is derived based upon data on the
molecular structure of liquids. The interaction is
analyzed between molecular groups, when a liquid is
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impurities. Electrical conductance, Temperature,
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DESCRIPTORS: *Chlorogenic acids, *Tobacco, Growth,
Age, Plants.

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DESCRIPTORS: *Tobacco mosaic virus.

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Trans. of Bulgar[sk] Akad[emiya na] Nauk[ite].
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DESCRIPTORS: *Pipes, *Cements, *Asbestos,
Corrosion, *Corrosive liquids, Water.

(Metallurgy--Corrosion, TT, v. 9, no. 2)

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